



10-25-06

EV832833055

IFW#

Approved for use through 03/31/2007. OMB 0657-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

100+

Application Number

09/820,467

Filing Date

March 28, 2001

First Named Inventor

Clifton W. Wood, Jr.

Art Unit

2616

Examiner Name

Soon D. Hyun

Attorney Docket Number

MI40-326

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):PTO Return Receipt Postcard; Check;
PTO-1449 form; copies of cited foreign patent
and publications

Remarks

Supp. IDS fee is attached.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

WELLS ST. JOHN P.S. (Customer No. 021567)

Signature

Printed name

DEEPAK MALHOTRA

Date

Oct 19, 2006

Reg. No.

33,560

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

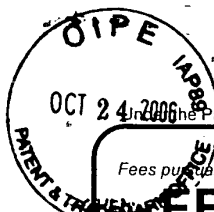
FILED BY U.S. EXPRESS MAIL NO. EV 832833055 US

Typed or printed name

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV832838055

PTO/SB/17 (07-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	09/820,467
Filing Date	MARCH 28, 2001
First Named Inventor	CLIFTON W. WOOD, JR.
Examiner Name	SOON D. HYUN
Art Unit	2616
Attorney Docket No.	MI40-326

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: WELLS ST. JOHN P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
_____ - 20 or HP = _____	x _____	= _____		Fee (\$) Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.				
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	
_____ - 3 or HP = _____	x _____	= _____		
HP = highest number of independent claims paid for, if greater than 3.				

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)	Fees Paid (\$)
Other (e.g., late filing surcharge): SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	180

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 33,560	Telephone (509) 624-4276
Name (Print/Type)	DEEPAK MALHOTRA	Date	OCT 19, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV832833055

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No.09/820,467
Confirmation No. 6353
Filing Date March 28, 2001
Inventor Clifton W. Wood, Jr.
Assignee Micron Technology, Inc.
Group Art Unit 2616
Examiner Soon D. Hyun
Attorney Docket No.MI40-326
Customer No.021567
Title: An Arbitration Scheme for Radio Frequency Identification Devices Using
Slotted Replies from a Selected Population

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT


References – See Attached Form PTO-1449

In compliance with 37 C.F.R. §§1.56, 1.97 and 1.98, your attention is directed to the United States patents, foreign patent and publications listed on the attached Form PTO-1449. Copies of the foreign patent and publications are attached. No admission is made regarding whether any of the submitted references are prior art.

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: Oct 19, 2006


By: 

Deepak Malhotra
Reg. No. 33,560

10/26/2006 RMEBRAHT 00000007 09820467

01 FC:1806

180.00 0P

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI40-326	SERIAL NO. 09/820,467			
 <p>LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)</p>				APPLICANT: CLIFTON W. WOOD, JR.				
				FILING DATE MARCH 28, 2001	GROUP 2616			
U.S. PATENT DOCUMENTS				EV832833055				
*Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	5,142,694	JACKSON ET AL.	455	67.11			
	AB	5,805,586	PERREAULT, ET AL.	370	346			
	AC	5,841,770	SNODGRASS ET AL.	370	346			
	AD	5,936,560	HIGUCHI	341	106			
	AE	5,966,471	FISHER ET AL.	382	253			
	AF	6,061,344	WOOD, JR., ET AL.	370	346			
	AG	6,104,333	WOOD, JR.	341	173			
	AH	6,118,789	WOOD, JR.	370	462			
	AI	6,282,186	WOOD, JR.	370	346			
	AJ	6,289,209	WOOD, JR.	455	277.1			
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AJ	WO 97/048216	12/18/97	PCT - (WRIGHT-AT&T WIRELESS)	H04L	12/403		
	AK							
	AL							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AM	ECC Report 1, "Compatability between Inductive LF and HF RFID Transponder and Other Radio Communication Systems in the Frequency						
		Ranges 135-148.5 kHz, 4.78-8.78 MHz and 11.56-15.56 MHz"Electronic Comm. Committee, 14 pp. (2/2002)						
	AN	http://216.121.131.129/article/articleview/330/1/1/ : "EPC Doesn't Infringe RFID Patents",						
		RFID Journal, 2 pp. (3/4/2003)						
	AO	MULLIN, Eileen, "Electronic Product Code", www.baselinemag.com , 4 pp. (printed 10/15/2003)						
EXAMINER		DATE CONSIDERED						
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI40-326		SERIAL NO. 09/820,467	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT: CLIFTON W. WOOD, JR.			
					FILING DATE MARCH 28, 2001		GROUP 2616	

U.S. PATENT DOCUMENTS					EV 832833055			
*Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	6,307,848	10/2001	WOOD, JR., ET AL.	370	329		
	AB	6,265,963	07/2001	WOOD, JR.	340	10.4		
	AC	6,226,300	05/2001	HUSH, ET AL.	370	437		
	AD	6,038,455	3/2000	GARDNER ET AL.	455	447		
	AE	5,619,648	04/1997	CANALE ET AL.	709	206		
	AF	6,216,132	4/2001	CHANDRA ET AL.	707	103R		
	AG	5,640,151	06/1997	REIS ET AL.	340	10.2		
	AH							
	AI							
	AJ							

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AJ							
	AK							
	AL							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
	AM	http://www.rfid.zebra.com/epc.htm , "Electronic Product Code (PEC), 1 page (Printed 10/15/2003)
	AN	http://www.etailnews.com/features/0105epc1.htm , "The Electronic Product Code (EPC), 2 pages (Printed 10/15/2003)
	AO	http://www.etailnews.com/Features/0105epcschema.htm , "The Electronic Product Code Schematic", 1 page (Printed 10/15/2003)
EXAMINER		DATE CONSIDERED

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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
AL		http://www.etailnews.com/features/epc.htm , "The Electronic Product Code (EPC), 2 pp. (Printed 10/15/2003)
AM		http://www.rfidjournal.com/article/articleview/473/1/1/ , "Second Source of Class 1 EPC Chips", RFID Journal, 2 pp. (6/26/2003)
AN		http://money.cnn.com/services/tickerheadlines/prn/cltu045.PI.09162003122727.24911.htm , "Manhattan Associates Announces Next-Generation Microsoft-Based RFID Solutions", CNN MONEY, 3 pp. (9/16/2003)
AO		ENGELS, Daniel, "TECHNICAL REPORT, The Use of the Electronic Product Code", AUTO-ID Center, Massachusetts Institute of Technology, 8 pp. (2/1/2003)
AP		Auto-ID Center, Technical Report, "13.56 MHz ISM Band Class 1 Radio Frequency Identification Tag Interface Specification: Recommended Standard", Version 1.0.0, AUTO-ID Center, Massachusetts Institute of Technology, 31 pp. (2/1/2003)
AR		http://www.hightechaid.com/standards/18000.htm , "ISO/IEC 18000 - RFID Air Interface Standards", 6 pp. (Printed 10/15/2003)
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U.S. PATENT DOCUMENTS					EV832833055		
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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AG						
	AH						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AL	ISO, "Automatic Identification - Radio Frequency Identification for Item Management--Communications and Interfaces--Part 3: Physical Layer, Anti collision System and Protocol Values at 13.56 MHz MODE 4,					
		#ISO/WD 18000-3-v40-4, 24 pp. (3/01/2001)					
	AM	ISO/IEC, "ISO/IEC 18000, Page 3, Information Technology AIDC Techniques - RFID for Item Management - Air Interface, Part 3, Parameters for Air Interface Communications at 13.56 MHz",					
		#ISO IEC SC31 WG4 FCD18000-3, 176 pp. 5/27/2002)					
	AN	International Standard ISO/IEC, "Final Committee Draft, ISO/IEC 14443-1, Identification Cards -					
		Contactless Integrated Circuit(s) Cards - Proximity Cards, Part 1: Physical Characteristics", 9 pp. (1997)					
	AO	ISO/IEC, "Final Committee Draft, ISO/IEC 14443-2, Identification Cards - Contactless Integrated Circuit(s) cards - Proximity Cards - Part 2: Radio Frequency Power and Signal Interface",					
		Editor D. Baddeley, #ISO/IEC JTC/SC17/WG8, 16 pp. (3/26/1999)					
	AP	Association Francaise de Normalization (AFNOR), "Identification Cards - Contactless Integrated Circuit(s) Cards - Proximity Cards - Part 3: Initialization and Anticollision",					
		ISO/IEC, #ISO/IEC FDIS 14443-3:2000(E), 48 pp. (7/13/2000)					
	AR	Association Francaise de Normalization (AFNOR), "Identification Cards - Contactless Integrated Circuit(s) Cards - Proximity Cards - Part 4: Transmission Protocol",					
		ISO/IEC, #ISO/IEC FDIS 14443-4:2000(E), 37 pp. (7/13/2000)					
EXAMINER		DATE CONSIDERED					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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				FILING DATE MARCH 28, 2001	GROUP 2616

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	AA							
	AB							
	AC							
	AD							
	AE							
	AF							

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AG							
AH							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
AL		Association Francaise de Normalization (AFNOR), "Identification Cards - Contactless Integrated Circuit(s) Cards - Vicinity Cards - Part 1: Physical Characteristics", FINAL DRAFT, ISO/IEC, #ISO/IEC FDIS 15693-1:2000(E), 8 pp. (5/19/2000)
AM		Association Francaise de Normalization (AFNOR), "Identification Cards - Contactless Integrated Circuit(s) Cards - Vicinity Cards - Part 2: Air Interface and Initialization", FINAL DRAFT, ISO/IEC, #ISO/IEC FDIS 15693-2:2000(E), 23 pp. (2/03/2000)
AN		ISO/IEC, "Identification Cards - Contactless Integrated Circuit(s) Cards - Vicinity Cards - Part 3: Anticollision and Transmission Protocol", ISO/IEC, #ISO/IEC CD 15693-3:1999(e), 48 pp. (11/17/1999)
AO		ISO/IEC, "Automatic Identification - Radio Frequency Identification for Item Management--Communications and Interfaces--Part 3: Physical Layer, Anti-Collision System and Protocol Values at 13.56 MHz MODE 1", ISO/IEC, #ISO/WD 18000-3-v40-1, 105 pp. (3/1/01)
AP		CAPETANAKIS, John I., "Tree Algorithms for Packet Broadcast Channels", <u>IEEE Transactions on Information Theory</u> , Vol. IT-25, No. 5, pp. 505-515 (9/1979)
AR		
AR		

EXAMINER	DATE CONSIDERED
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